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Karen Buzinski

Signature:

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Peter C. Williams et al.	)	Examiner: not yet assigned
	)	
Serial No.: 10/573,728	)	Art Unit: not yet assigned
	)	
Filed: March 28, 2006	)	Attorney Docket No.: 22188/07113
	)	
For: <b>FITTING FOR METAL PIPE</b>	)	
<b>AND TUBING</b>	)	Confirmation No.: not yet assigned

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Commissioner for Patents  
P.O. Box 1450  
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INFORMATION DISCLOSURE STATEMENT

Dear Sir:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56, Applicant hereby notifies the U.S. Patent and Trademark Office of the documents which are listed on the attached PTO/SB/08 A&B forms and/or listed herein and which the Examiner may deem material to patentability of the claims of the above-identified application.

The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicant does not waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application.

FOREIGN LANGUAGE DOCUMENTS

In compliance with the concise explanation requirement under 37 C.F.R. § 1.98(a)(3) for foreign language documents, Applicant encloses herewith a copy of a Communication from a foreign patent office in a counterpart application citing such documents, together

INFORMATION DISCLOSURE STATEMENT  
Appln. No. 10/573,728

Attorney Docket No. 22188/07113

with an English-language version of that portion of the Communication indicating the degree of relevance found by the foreign patent office.

- In compliance with the concise explanation requirement under 37 C.F.R. § 1.98(a)(3) for foreign language documents, Applicant submits the following explanations:
- Complete English translations of foreign language documents are being submitted herewith, and therefore no concise explanation for such documents is required.

**CERTIFICATION AND FEE PAYMENT INFORMATION**

- The present Information Disclosure Statement is being filed: (1) No later than three months from the application's filing date; (2) Before the mailing date of the first Office Action on the merits (whichever is later); or (3) Before the mailing date of the first Office Action after filing a request for continued examination under 37 C.F.R. § 1.114, and therefore, no Statement under 37 C.F.R. § 1.97(e) or fee under 37 C.F.R. § 1.17(p) is required. If this is not the case, the patent office is hereby authorized to charge any related fee to **Deposit Account No. 030172, order number 22188/07113**.
- Please charge any fee deficiencies or credit any overpayments to Deposit Account No. 03-0172, order number 22188/07113.

Respectfully submitted,

Date: 8/10/06

By: Kenneth J. Smith  
Kenneth J. Smith, Reg. No. 45,115  
Customer No. 24024  
(216) 622-8674

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Substitute Form 1449/PTO-9199

AUG 17 2006

INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 17

## Complete if Known

Application Number	10/573,728
Filing Date	March 28, 2006
First Named Inventor	Peter C. Williams et al.
Art Unit	not yet assigned
Examiner Name	not yet assigned

Attorney Docket Number 22188/07113

## U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
		US- 771,682	10/1904	Sussman	
		US- 791,905	06/1905	Higginbotham	
		US- 1,058,542	04/1913	Brown	
		US- 1,334,130	03/1920	Blanchard	
		US- 1,755,210	04/1930	Dohner	
		US- 1,889,778	12/1932	Dobrick	
		US- 1,927,464	09/1933	McIntosh	
		US- 1,983,840	12/1934	Dohner	
		US- 2,083,091	06/1937	Rector	
		US- 2,127,611	08/1938	Mueller	
		US- 2,139,413	12/1938	Kreidel	
		US- 2,150,042	03/1939	Shultz	
		US- 2,152,537	03/1939	Couty	
		US- 2,165,626	07/1939	Ford	
		US- 2,179,127	11/1939	Lauer	
		US- 2,284,216	05/1942	Kunkel	
		US- 2,333,470	11/1943	Cowles	
		US- 2,405,822	08/1946	Franck	
		US- 2,406,488	08/1946	Brock	

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		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
		CH 429,329	01/31/1967	Guettinger & Co.		
		DE 20008110	01/18/01	Armaturewerk Huetensleben		
		DE 4041679	06/1992	Voss Automotive		
		EP 34493	08/1981	Gould Inc.		
		EP 118656	06/1986	Firma Franz Viegener		
		EP 205170	12/1986	Hewlett-Packard		

Examiner Signature	Date Considered
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This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 2 of 17

Application Number	10/573,728
Filing Date	March 28, 2006
First Named Inventor	Peter C. Williams et al.
Art Unit	not yet assigned
Examiner Name	not yet assigned

Attorney Docket Number 22188/07113

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		Number-Kind Code <sup>2</sup> (if known)			
		US- 2,450,170	09/1948	Smith	
		US- 2,452,276	09/1948	Woodling	
		US- 2,460,621	02/1949	Courtot	
		US- 2,460,635	02/1949	Herold	
		US- 2,474,178	06/1949	Wurzburger	
		US- 2,497,274	02/1950	Richardson	
		US- 2,508,763	05/1950	Mercier	
		US- 2,511,134	06/1950	Stranberg	
		US- 2,544,108	03/1951	Richardson	
		US- 2,544,109	03/1951	Richardson	
		US- 2,553,981	05/1951	Richardson	
		US- 2,561,648	07/1951	Bradley	
		US- 2,579,529	12/1951	Woodling	
		US- 2,641,489	06/1953	Hedberg, Jr.	
		US- 2,693,374	11/1954	Wurzburger	
		US- 2,738,994	03/1956	Kreidel et al.	
		US- 2,755,110	07/1956	Jacobs	
		US- 2,761,704	09/1956	Crawford	
		US- 2,768,845	10/1956	Samiran	

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		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
		EP 224188	06/1987	Mitsui & Co.		
		EP 285677	12/1992	Manibs		
		EP 309179	03/1989	Parker Hannifin		
		EP 371063	02/1992	George Fischer Castings		
		EP 396367	01/1993	Price Pfister		
		EP 441676	06/1996	Radiall Societe		

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STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 3 of 17

Application Number	10/573,728
Filing Date	March 28, 2006
First Named Inventor	Peter C. Williams et al.
Art Unit	not yet assigned
Examiner Name	not yet assigned

Attorney Docket Number 22188/07113

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		Number-Kind Code <sup>2</sup> (if known)			
		US- 2,823,935	02/1958	Wurzburger	
		US- 2,935,339	05/1960	Frederick	
		US- 3,006,558	10/1961	Jacobs	
		US- 3,007,721	11/1961	Schmohl et al.	
		US- 3,025,084	03/1962	Franck	
		US- 3,120,969	02/1964	Schmohl	
		US- 3,139,293	06/1964	Franck	
		US- 3,167,333	01/1965	Hall et al.	
		US- 3,195,933	07/1965	Jacobs	
		US- 3,215,457	11/1965	Teeters	
		US- 3,248,136	04/1966	Brozek et al.	
		US- 3,275,350	09/1966	Kody et al.	
		US- 3,290,062	12/1966	Ziherl et al.	
		US- 3,290,092	12/1966	Howard	
		US- 3,319,293	05/1967	Gollos	
		US- 3,325,192	06/1967	Sullivan	
		US- 3,326,582	06/1967	Currie	
		US- 3,379,461	04/1968	Davis	
		US- 3,445,128	05/1969	Teeters	

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		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
		EP 484091	05/1992	Crawford Fitting		
		EP 489289	05/1994	Parker-Ermeko		
		EP 523020	02/1996	AB Stacke		
		EP 528079	02/1993	Aeroquip		
		EP 531068	03/1993	Victaulic PLC		
		EP 581408	02/1994	General Electric		

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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 4 of 17

Application Number	10/573,728
Filing Date	March 28, 2006
First Named Inventor	Peter C. Williams et al.
Art Unit	not yet assigned
Examiner Name	not yet assigned

Attorney Docket Number 22188/07113

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		Number-Kind Code <sup>2</sup> (if known)			
		US- 3,454,290	07/1969	Tairraz	
		US- 3,512,812	05/1970	Kreidel et al.	
		US- 3,565,457	02/1971	Haldopoulos et al.	
		US- 3,580,617	05/1971	Ehrenberg et al.	
		US- 3,684,322	08/1972	Kotsakis	
		US- 3,695,647	10/1972	Pugliese	
		US- 3,708,186	01/1973	Takagi et al.	
		US- 3,736,008	05/1973	Crawford	
		US- 3,743,324	07/1973	Schwarz et al.	
		US- 3,857,591	12/1974	Voss	
		US- 3,888,521	06/1975	O'Sickey	
		US- 3,893,716	07/1975	Moreiras et al.	
		US- 3,895,832	07/1975	Ellis et al.	
		US- 3,923,323	12/1975	Brogan	
		US- 3,970,337	07/1976	Niemeyer	
		US- 3,977,708	08/1976	Jopp	
		US- 3,992,043	11/1976	Whitley	
		US- 4,022,497	05/1977	Kotsakis	
		US- 4,026,581	05/1977	Pasbrig	

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		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
		EP 583707	03/1996	Anton Hummel		
		EP 638752	02/1995	Sil-Sang Park		
		EP 751334	01/1997	Guest		
		EP 762003	03/1997	Jessen		
		EP 863354	09/1998	Armaturenfabrik		
		EP 879980	11/1998	EM-Technik		

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Sheet 5 of 17

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		US- 4,033,614	07/1977	Hanson	
		US- 4,037,864	07/1977	Anderson et al.	
		US- 4,072,328	02/1978	Elliott	
		US- 4,076,286	02/1978	Spontelli	
		US- 4,133,312	01/1979	Burd	
		US- 4,133,565	01/1979	Shutt	
		US- 4,136,896	01/1979	Rodman et al.	
		US- 4,136,897	01/1979	Haluch	
		US- 4,169,967	10/1979	Bachle	
		US- 4,192,532	03/1980	Pacella	
		US- 4,256,334	03/1981	Boisset et al.	
		US- 4,293,149	10/1981	Bonel	
		US- 4,304,422	12/1981	Schwarz	
		US- 4,309,050	01/1982	Legris	
		US- 4,343,456	08/1982	Zitzloff	
		US- 4,458,927	07/1984	Smith	
		US- 4,483,555	11/1984	Ludwig	
		US- 4,500,117	02/1985	Ayers et al.	
		US- 4,508,374	04/1985	Kantor	

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		EP 895014	02/1999	Parker Hannifin		
		EP 940617	09/1999	Insigne-Berg		
		EP 1020675	07/2000	F.X. Bachmann		
		EP 1033518	09/2000	Glynwed Pipe		
		EP 1055859	11/2000	Tokai Rubber		
		EP 1302714	04/16/2003	Kueller		

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Sheet 6 of 17

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		US- 4,523,256	06/1985	Small	
		US- 4,529,231	07/1985	Greenawalt	
		US- 4,538,836	09/1985	Krutten	
		US- 4,538,842	09/1985	Kowal et al.	
		US- 4,541,537	09/1985	Sailor	
		US- 4,556,242	12/1985	Kowal et al.	
		US- 4,586,731	05/1986	Castrup	
		US- 4,630,851	12/1986	Ogawa	
		US- 4,647,086	03/1987	Maxwell et al.	
		US- 4,655,485	04/1987	Albrecht et al.	
		US- 4,682,797	07/1987	Hildner	
		US- 4,739,828	04/1988	Bayer et al.	
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		US- 4,890,867	01/1990	Briggs et al.	
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		US- 4,940,263	07/1990	Mayernik	
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Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
		FR 2697893	05/13/1994	Goavec SA		
		GB 1057900	02/1967	Desilles		
		GB 2032555	05/1980	Olov Magnus		
		GB 2080900	02/1982	Waverley		
		GB 2258897	02/1993	AR Davies		
		GB 2259123	07/1995	Victaulic		

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**Complete if Known****INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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Sheet

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of 17

Application Number	10/573,728
Filing Date	March 28, 2006
First Named Inventor	Peter C. Williams et al.
Art Unit	not yet assigned
Examiner Name	not yet assigned

Attorney Docket Number 22188/07113

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		Number-Kind Code <sup>2</sup> (if known)			
		US- 5,114,190	05/1992	Chalmers	
		US- 5,134,676	07/1992	Boillot et al.	
		US- 5,163,722	11/1992	Worden	
		US- 5,193,616	03/1993	Hynes	
		US- 5,217,261	06/1993	DeWitt et al.	
		US- 5,240,289	08/1993	Gottling et al.	
		US- 5,335,946	08/1994	Dent et al.	
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		US- 5,711,549	01/1998	Beans	
		US- 5,716,082	02/1998	Vogel et al.	
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		US- 5,961,160	10/1999	Frohlich	
		US- 6,007,112	12/1999	Kim	

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		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
		JP 4429659	12/1969	Sanko KK		
		JP 461462	01/1971	Nitta Belt KK		
		JP 487317	09/1973	Nitto Koki KK		
		JP 50149910	12/1975	Shirai Kokusai		
		JP 513917	01/1976	Kubota Ltd.		
		JP 51-17219	02/1976	Takemoto Yoshi		

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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 8

of 17

Application Number	10/573,728
Filing Date	March 28, 2006
First Named Inventor	Peter C. Williams et al.
Art Unit	not yet assigned
Examiner Name	not yet assigned

Attorney Docket Number 22188/07113

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		Number-Kind Code <sup>2</sup> (if known)			
		US- 6,022,053	02/2000	Hkuda	
		US- 6,039,361	03/2000	Meli	
		US- 6,045,165	04/2000	Nishio	
		US- 6,073,976	06/2000	Schmidt et al.	
		US- 6,089,620	07/2000	Mota Lopez et al.	
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		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
		JP 55159392	12/1980	Neil Holdings		
		JP 55-181082	12/1980	Tokyo Shibaura		
		JP 5621679	02/1981	Sugio Mach.		
		JP 5666586	06/1981	Erumeto Arumatouren		
		JP 56124787	09/1981	Mishieru Powase		
		JP 57202084	12/1982	Yaei Kagaku		

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Substitute for form 1449/PTO		<i>Complete if Known</i>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(Use as many sheets as necessary)</i>		Application Number	10/573,728
		Filing Date	March 28, 2006
		First Named Inventor	Peter C. Williams et al.
		Art Unit	not yet assigned
		Examiner Name	not yet assigned
Sheet	9	of	17
		Attorney Docket Number	

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		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
		JP 59-6488	01/1984	Fuji Kinzoku		
		JP 60139988	07/1985	II Teii II KK		
		JP 612886	05/1986	Toyo Valve		
		JP 61-99790	05/1986	Fuji Bellows		
		JP 61105391	05/1986	Nippon Pillar		
		JP 5712887	01/1987	Fujiseiko KK		

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		First Named Inventor	Peter C. Williams et al.
		Art Unit	not yet assigned
		Examiner Name	not yet assigned
		Attorney Docket Number	22188/07113
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## **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

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		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
		JP 63231086	09/1988	Toho Kasei		
		JP 1054599	11/1989	Nec Corp.		
		JP 3-69026	10/1991	Fuesto KG		
		JP U3069026	05/2000			
		JP 3288091	12/1991	Fujitsu Ltd.		
		JP 4023157	04/1992	Fujitsu Ltd.		

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Application Number	10/573,728
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First Named Inventor	Peter C. Williams et al.
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Examiner Name	not yet assigned

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		JP 4-69488	03/1994	KK Furoueru		
		JP 6174171	06/1994	Nippon Pillar		
		JP 7243564	09/1995	Zexel Corp.		
		JP 11201347	07/1999	Nippon Kokan		
		JP 11325342	11/1999	Ihara Science		
		JP 2000097377	04/2000	CKD Corp.		

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Sheet	12	of	17
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		JP 2000110975	04/2000	Takei Kojo		
		JP 2000170966	06/2000	Mikuni Plast		
		JP 200199360	04/2001	Komei		
		JP 2001099337	04/2001	Komei		
		JP 2001141169	05/2001	Nippon Pillar		
		KR 19920008397	05/1992			

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		KR 19930006359	04/1993			
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		KR 200239292	07/2001			
		WO 84/00796	03/1984	Iwanicki		
		WO 88/04385	06/1988	George Fischer		
		WO 89/09904	10/18/1989	Nords Verkstads		

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Substitute for form 1449/PTO		<b>Complete if Known</b>	
		Application Number	10/573,728
		Filing Date	March 28, 2006
		First Named Inventor	Peter C. Williams et al.
		Art Unit	not yet assigned
		Examiner Name	not yet assigned
		Attorney Docket Number	22188/07113
Sheet	14	of	17

## **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

**(Use as many sheets as necessary)**

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## **U. S. PATENT DOCUMENTS**

## **FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
		WO 89/12190	12/14/1989	Weber		
		WO 93/24780	12/09/1993	The Deutsch Company		
		WO 93/25837	12/23/1993	Lehmann		
		WO 94/23234	10/13/1994	Salyers		
		WO 97/07356	02/27/1997	Frohlich		
		WO 97/14905	04/24/1997	Avesta Nords		

Examiner Signature		Date Considered	
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		Filing Date	March 28, 2006
		First Named Inventor	Peter C. Williams et al.
		Art Unit	not yet assigned
		Examiner Name	not yet assigned
Sheet	15	of	17
		Attorney Docket Number	

## **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

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		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
		WO 97/43571	11/20/1997	Ilesic		
		WO 98/32999	07/30/1998	Swagelok Marketing		
		WO 98/46925	10/22/1998	Swagelok Marketing		
		WO 99/24750	05/20/1999	Glynwed Pipe Systems		
		WO 99/34142	07/08/1999	Mikuni Plastics		
		WO 01/20214	03/22/01	Swagelok Company		

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		Filing Date	March 28, 2006
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		Examiner Name	not yet assigned
		Attorney Docket Number	22188/07113
Sheet	16	of	17

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		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
		WO 01/73333	10/04/2001	Swagelok Company		
		WO 02/063194	08/15/2002	Swagelok Company		
		WO 02/063195	08/15/2002	Swagelok Company		

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		Examiner Name	not yet assigned		
Sheet	17	of	17	Attorney Docket Number	22188/07113

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		International Search Report from PCT/US2004/036436.	
		International Search Report from PCT/US2002/03431.	
		International Search Report from PCT/US2002/03430.	
		International Search Report from PCT/US2004/026096.	
		International Search Report from PCT/US2004/026094.	
		Parker Hannifin Corporation, Suparcase, The Invisible Breakthrough, Parker Suparcase Promotion Folder, Parker Hannifin Corporation, Huntsville, AL.	
		Parker Hannifin Corporation, Parker Suparcase Process Hardens Stainless Steel to Become More Resistant to Corrosion, News Release, Parker Hannifin Corporation, Huntsville, AL.	
		Parker Hannifin Corporation, Engineering Report--Ferrule Design Suparcase, Parker Suparcase Bulletin, 4230-B15.1, Parker Hannifin Corporation, Huntsville, AL.	
		Parker Hannifin Corp., Parker Suparcase, A Proprietary Process for the Hardening of Stainless Steel Ferrules, Parker Suparcase Bulletin, Mar. 1993, 4230-B15.3, Huntsville, AL.	

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